

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038561.D
 Acq On : 14 Dec 2018 9:47
 Operator : JU/SJ
 Sample : J6344-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200027

Quant Time: Dec 14 10:34:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22592	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	91398	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	61574	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	157846	20.00	ng	0.00
76) Chrysene-d12	21.72	240	168740	20.00	ng	0.00
87) Perylene-d12	25.01	264	181452	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	186378	146.32	ng	0.00
7) Phenol-d6	7.21	99	227267	129.97	ng	0.00
23) Nitrobenzene-d5	9.24	82	188802	105.53	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	142626	168.07	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	439265	97.87	ng	0.00
79) Terphenyl-d14	20.04	244	897015	115.69	ng	0.00

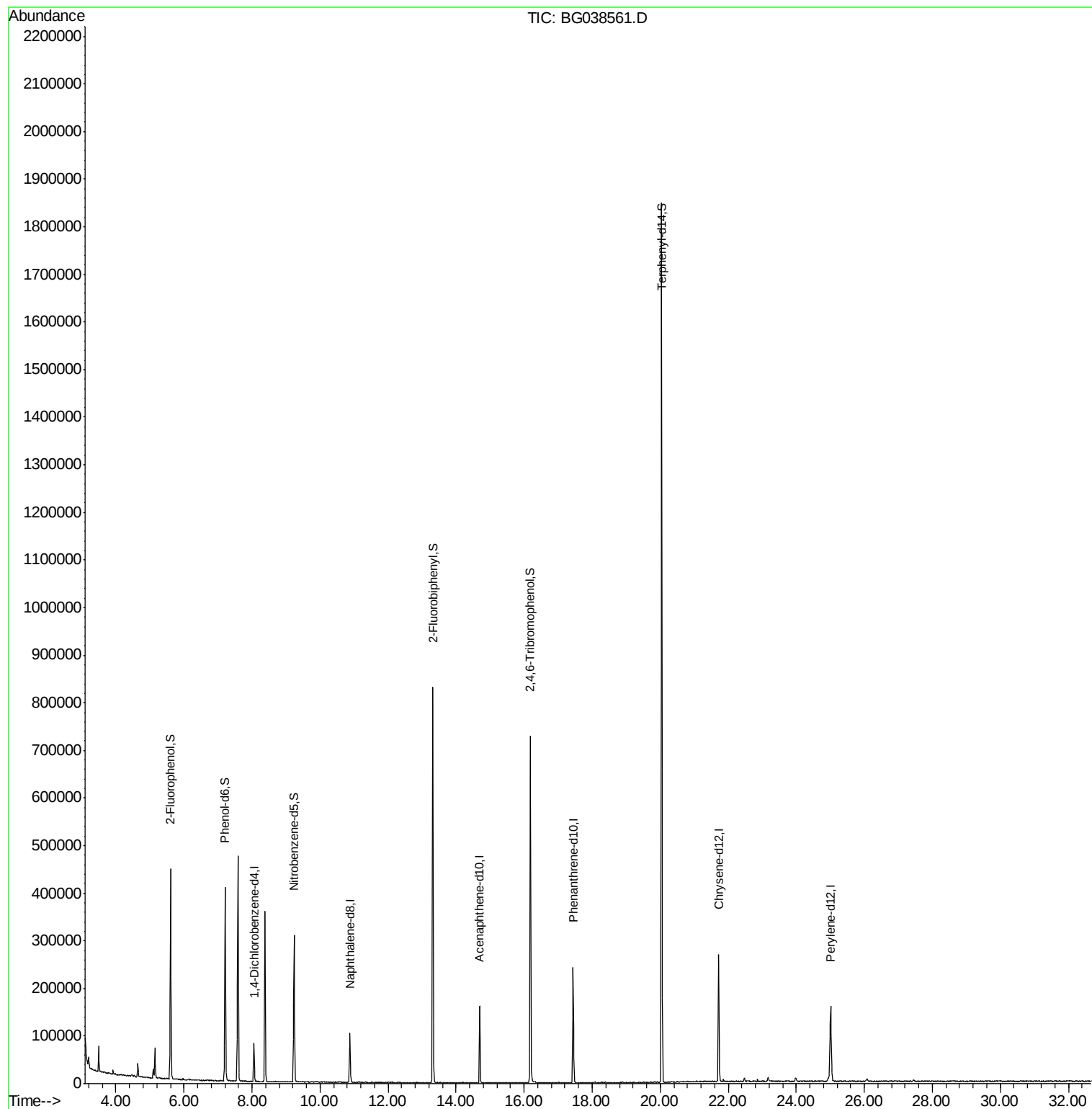
Target Compounds Qvalue

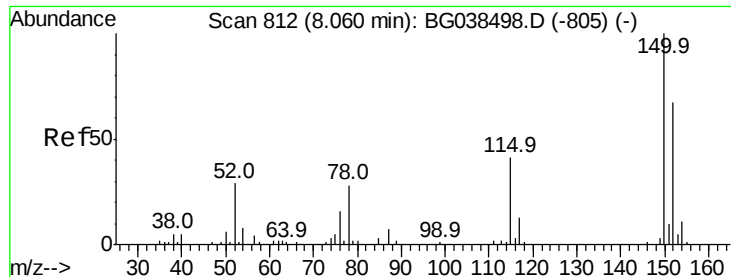
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038561.D

Acq: 14 Dec 2018 9:47

Instrument :

BNA_G

ClientSampleId :

RBR-200027

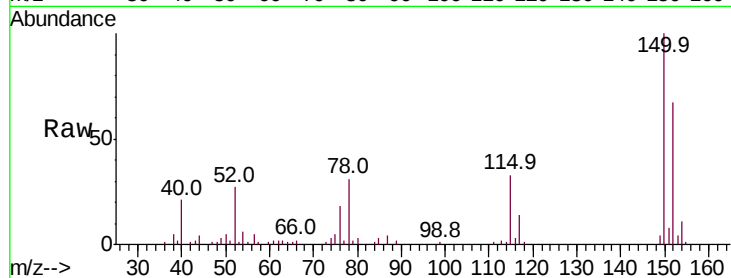
Tot Ion:152 Resp: 22592

Ion Ratio Lower Upper

152 100

150 150.2 119.5 179.3

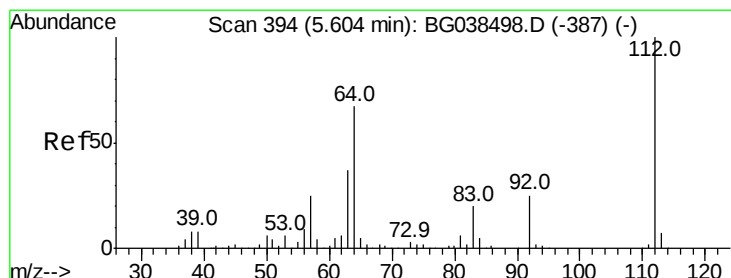
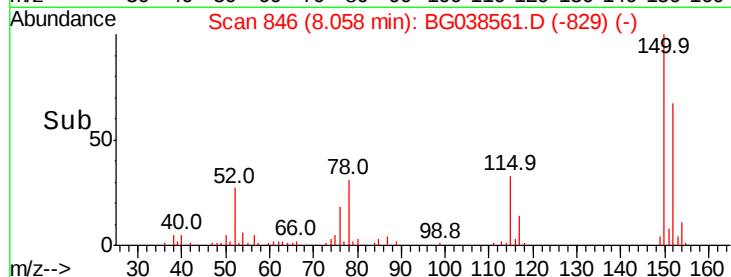
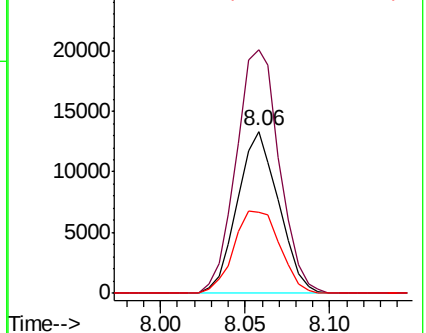
115 50.1 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 146.322 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG038561.D

Acq: 14 Dec 2018 9:47

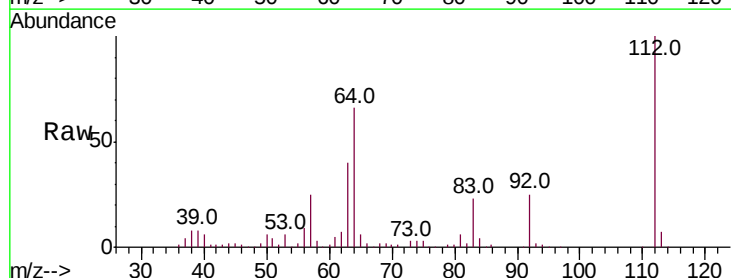
Tgt Ion:112 Resp: 186378

Ion Ratio Lower Upper

112 100

64 65.7 53.4 80.2

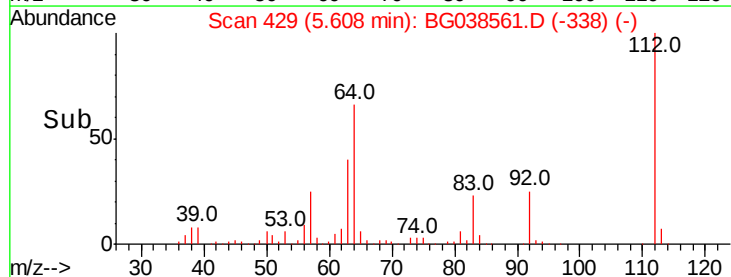
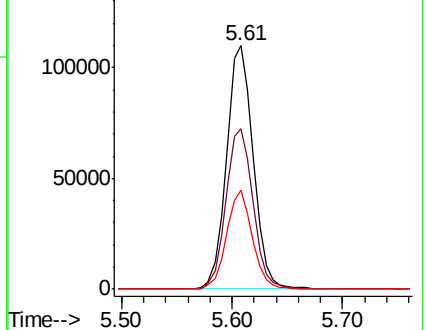
63 40.4 29.3 43.9

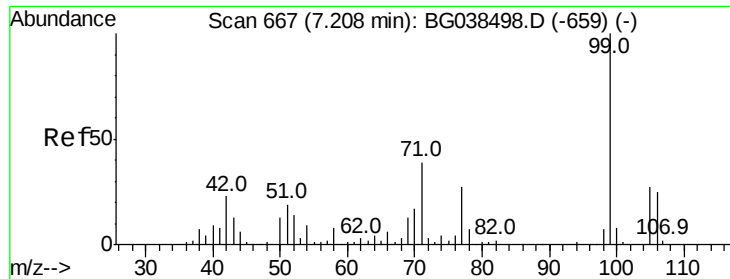


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 129.969 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038561.D

Acq: 14 Dec 2018 9:47

Instrument :

BNA_G

ClientSampleId :

RBR-200027

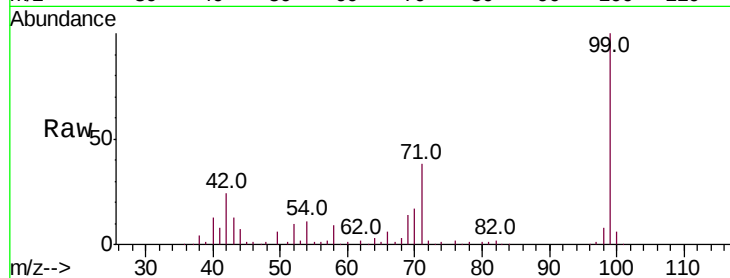
Tot Ion: 99 Resp: 227267

Ion Ratio Lower Upper

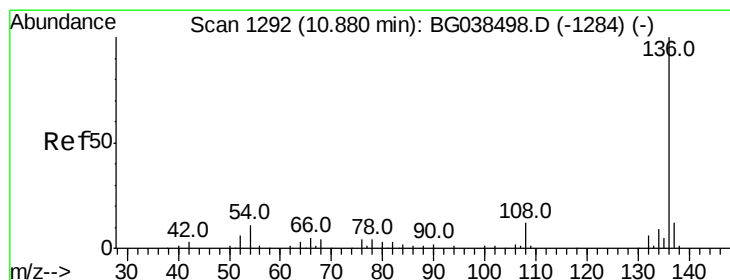
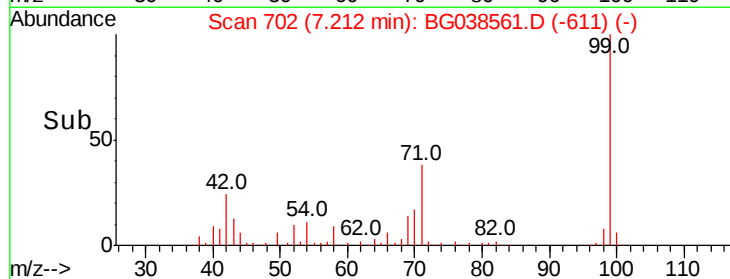
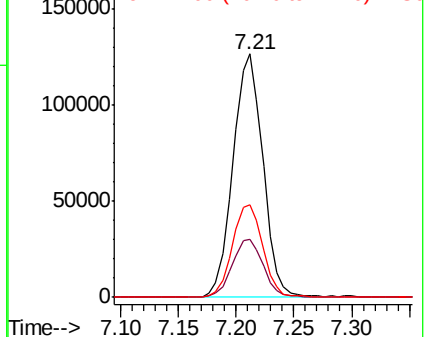
99 100

42 24.0 18.5 27.7

71 37.9 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038561.D

Acq: 14 Dec 2018 9:47

Tgt Ion: 136 Resp: 91398

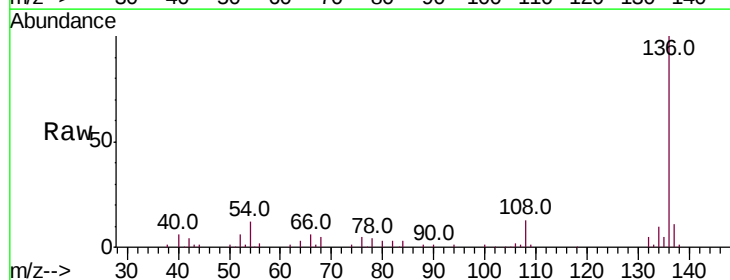
Ion Ratio Lower Upper

136 100

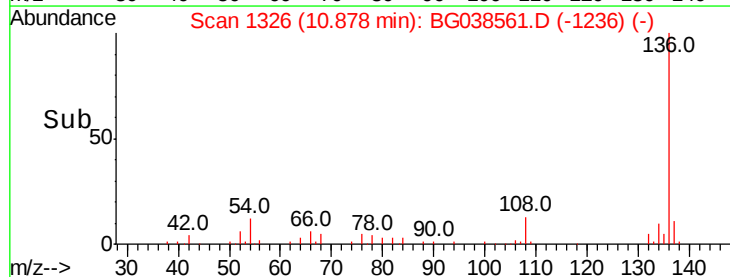
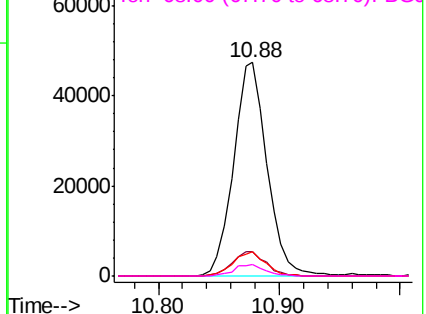
137 11.3 9.3 13.9

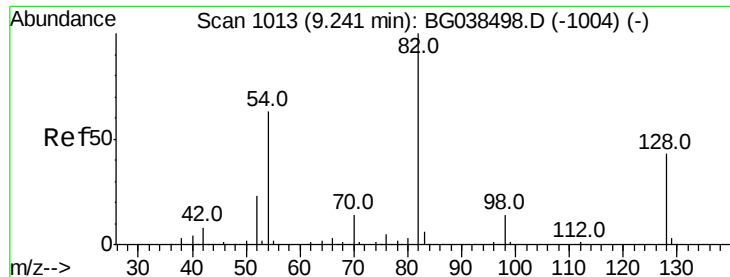
54 11.5 8.5 12.7

68 5.1 3.5 5.3



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

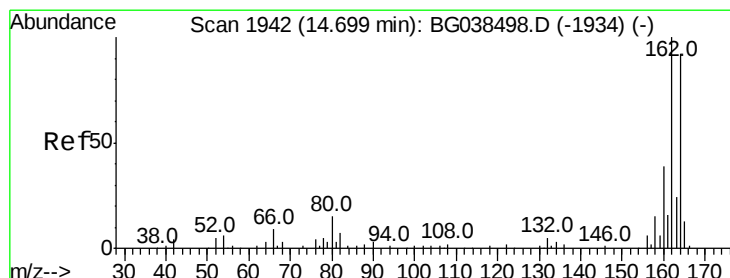
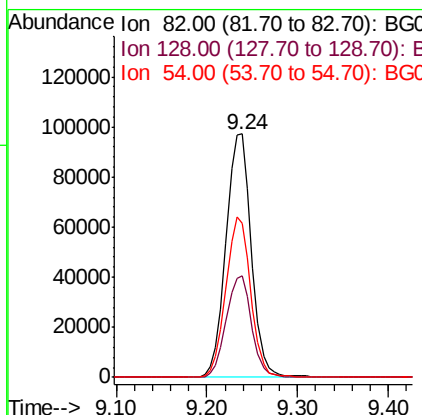
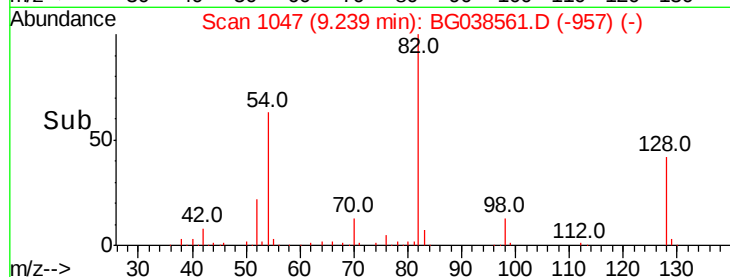
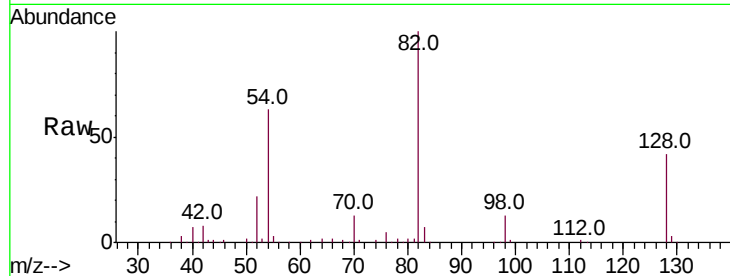




#23
Nitrobenzene-d5
Concen: 105.531 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038561.D
Acq: 14 Dec 2018 9:47

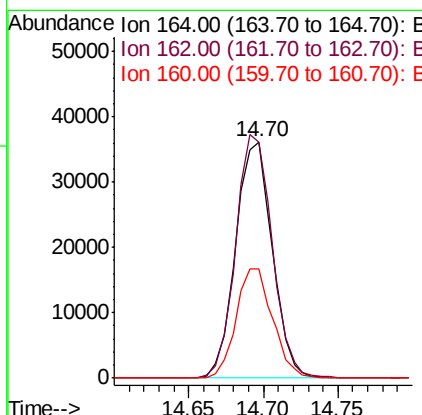
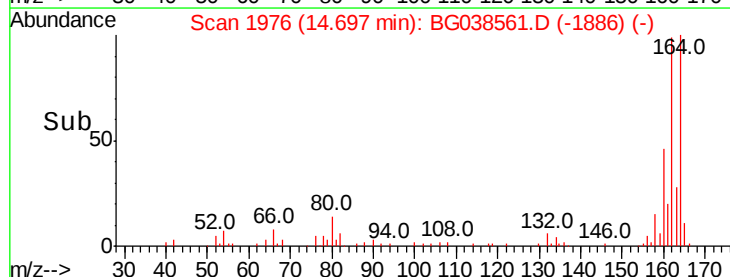
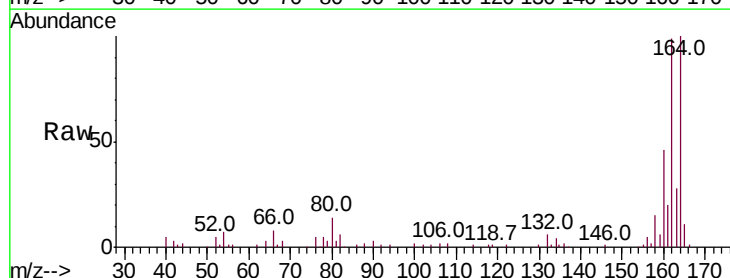
Instrument :
BNA_G
ClientSampleId :
RBR-200027

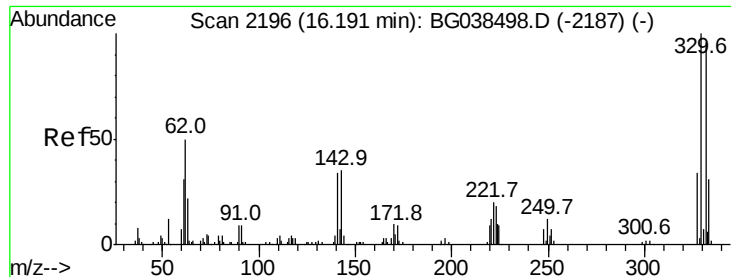
Tot Ion: 82 Resp: 188802
Ion Ratio Lower Upper
82 100
128 41.5 34.6 52.0
54 63.2 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038561.D
Acq: 14 Dec 2018 9:47

Tgt Ion:164 Resp: 61574
Ion Ratio Lower Upper
164 100
162 99.5 86.6 130.0
160 46.1 34.2 51.2

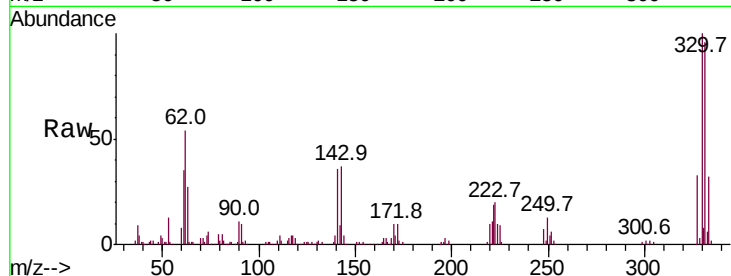




#42
 2,4,6-Tribromophenol
 Concen: 168.072 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038561.D
 Acq: 14 Dec 2018 9:47

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200027

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	37.6	28.8	43.2

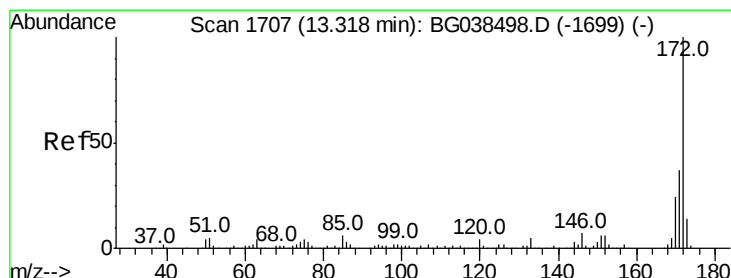
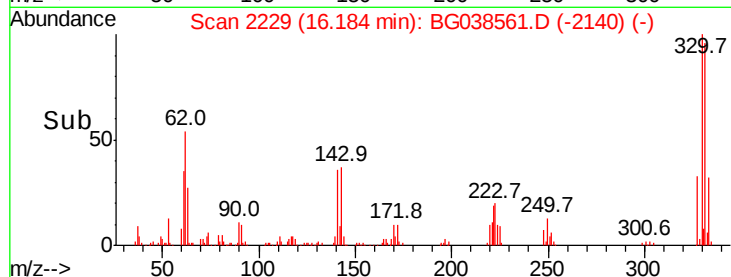
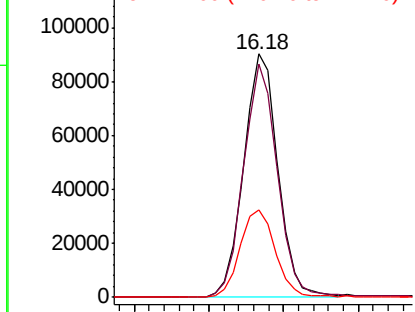


Abundance

Ion 329.80 (329.50 to 330.50): E

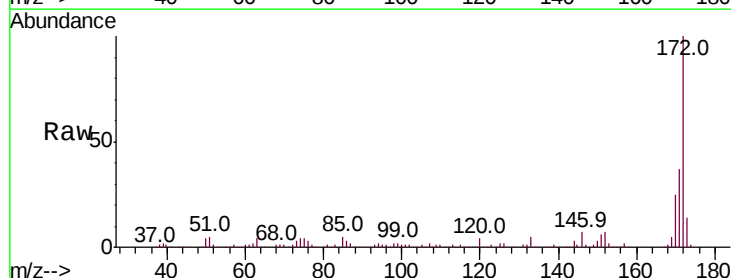
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.867 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038561.D
 Acq: 14 Dec 2018 9:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	24.9	19.5	29.3

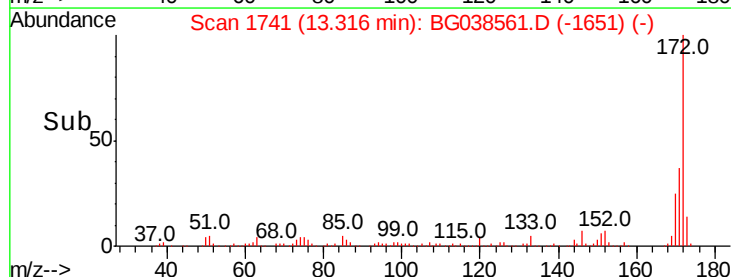
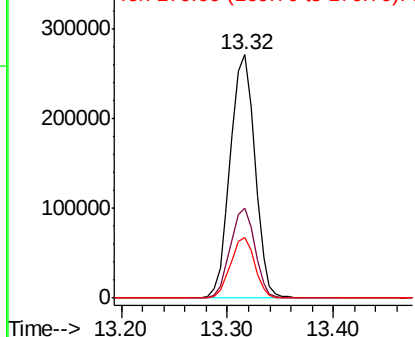


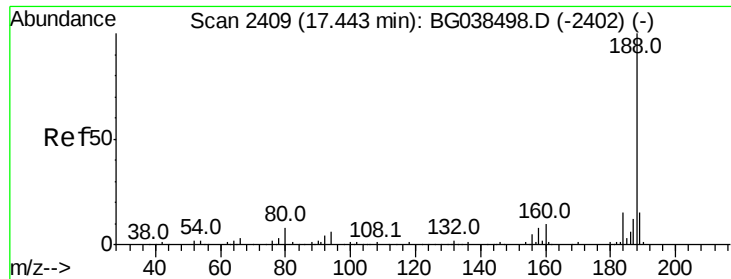
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038561.D

Acq: 14 Dec 2018 9:47

Instrument :

BNA_G

ClientSampleId :

RBR-200027

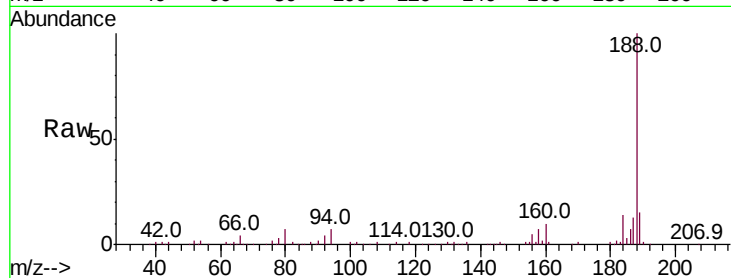
Tot Ion:188 Resp: 157846

Ion Ratio Lower Upper

188 100

94 7.0 5.1 7.7

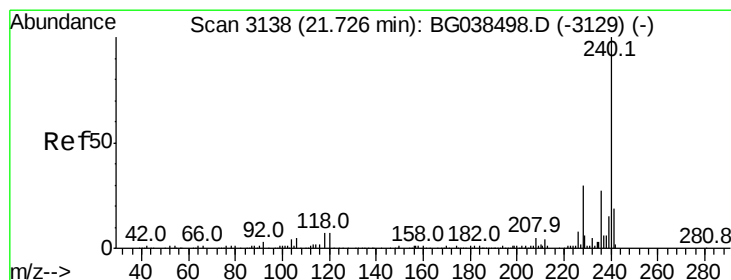
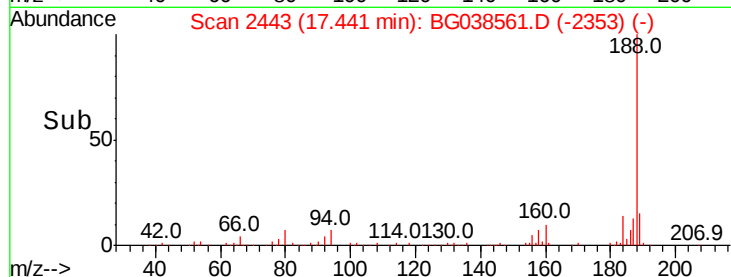
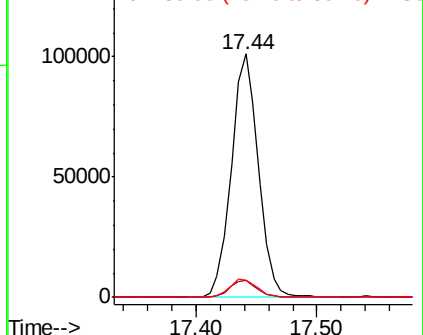
80 7.1 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038561.D

Acq: 14 Dec 2018 9:47

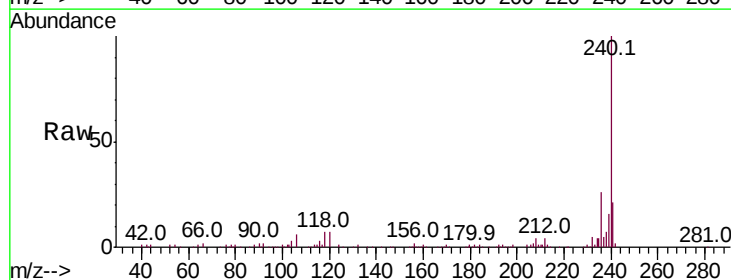
Tgt Ion:240 Resp: 168740

Ion Ratio Lower Upper

240 100

120 6.7 5.3 7.9

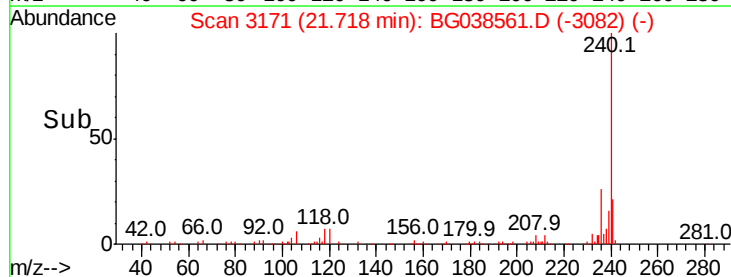
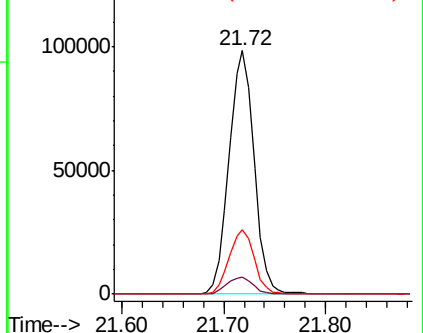
236 26.3 21.4 32.2

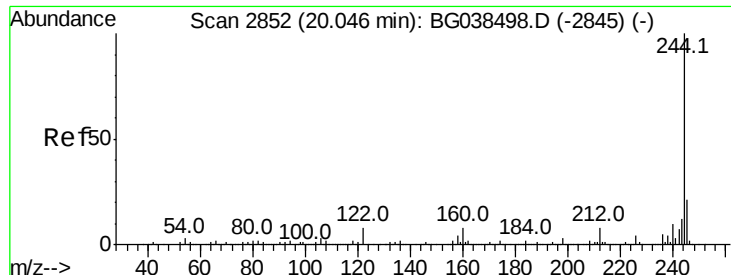


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 115.693 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038561.D

Acq: 14 Dec 2018 9:47

Instrument :

BNA_G

ClientSampleId :

RBR-200027

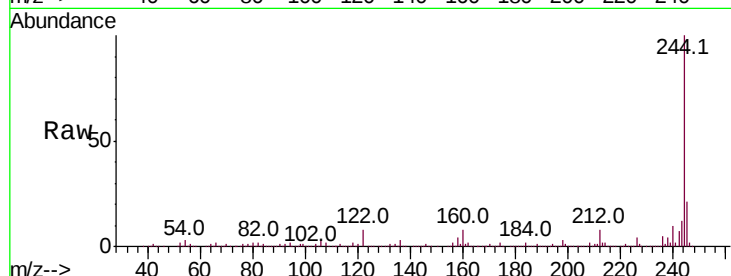
Tot Ion:244 Resp: 897015

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

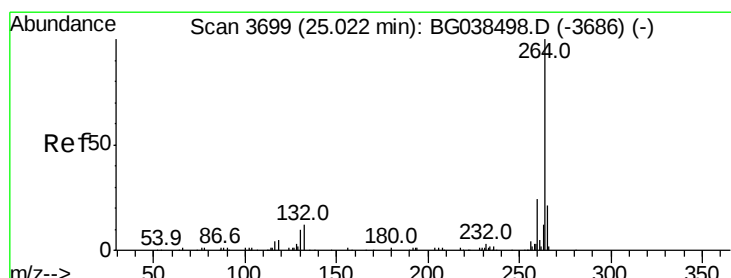
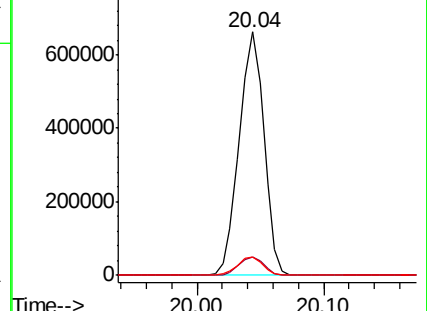
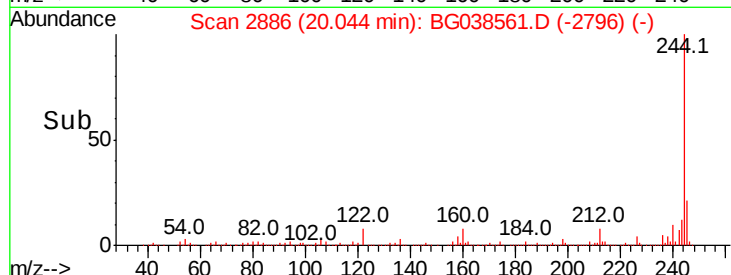
122 7.8 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038561.D

Acq: 14 Dec 2018 9:47

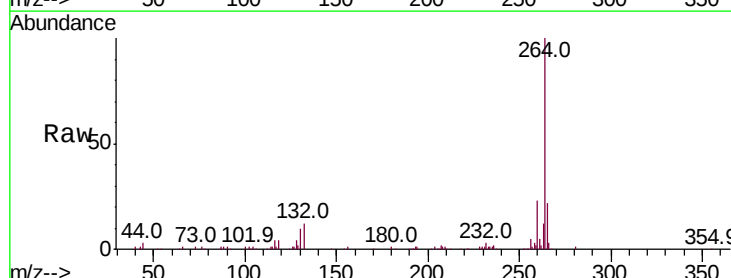
Tgt Ion:264 Resp: 181452

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 22.1 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

